

JUL. 3. 2007 10:20AM LVM 312 616 5700

NO. 7422 P. 1

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FACSIMILE COVER SHEET

DATE: JULY 3, 2007

NUMBER OF PAGES (INCLUDING
THIS TRANSMITTAL COVER SHEET): 15

OUR REFERENCE: 213045 (530-07)

FROM: BRUCE M. GAGALA/MG
REGISTRATION NO. 28,844

DIRECT LINE: (312) 616-5675

To: Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

FACSIMILE NUMBER: 571/273-8300

IN RE APPLN. OF: BOYD
APPLICATION NO. 09/914,708
FILED: DECEMBER 20, 2001
FOR: VACUOLAR-TYPE (H⁺)-ATPASE-INHIBITING COMPOUNDS,
COMPOSITIONS, AND USES THEREOF
GROUP ART UNIT: 1617
EXAMINER: SHENGJUN WANG
ATTORNEY DOCKET: 213045

ATTACHED PLEASE FIND THE FOLLOWING DOCUMENTS:

- FORM PTO-1083 IN DUPLICATE (2 PGS.);
 - REPLY TO OFFICE ACTION w/ CERTIFICATE OF TRANSMISSION (12 PGS.);
 - FAX COVER SHEET.
-

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FORM PTO-1083

PATENT

Attorney Docket No. 213045

Client Reference No. E-244-1997/3-US-06

Date: July 3, 2007

In re Application of: Boyd

Application No. 09/914,708

Filed: December 20, 2001

For: Vacuolar-Type (H⁺)-ATPase Inhibiting Compounds, Compositions, and Uses Thereof

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Sir:

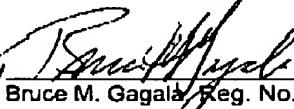
Transmitted herewith is a reply to office action in the subject application.

- Small entity status is claimed for this application under 37 CFR 1.27.
- Petition for an extension of time for the period noted below, as well as for any additional period necessary to render the present submission timely. Please charge Deposit Account No. 12-1216 for the appropriate petition fee.
- Other:
- Please charge Deposit Account No. 12-1216 in the total amount indicated below. A duplicate copy of this transmittal sheet is enclosed herewith.

					SMALL ENTITY	OTHER THAN A SMALL ENTITY		
TIME EXTENSION PETITION FEE		none			\$ 0.00		\$ 0.00	
subtract time extension fee previously paid		none			(\$ 0.00)		(\$ 0.00)	
CLAIM FEE	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	ADD'L CLAIM FEE	RATE	ADD'L CLAIM FEE
TOTAL	11	MINUS	31	= 0	x 25 =	\$	x 50 =	\$0.00
INDEPENDENT	2	MINUS	3	= 0	x 100 =	\$	x 200 =	\$0.00
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE CLAIM					+ 180 =	\$	+ 360 =	\$
TOTAL AMOUNT TO BE CHARGED TO DEPOSIT ACCOUNT					TOTAL	\$	TOTAL	\$0.00

- The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1216.
- Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,
 LEYDIG, VOIT & MAYER, LTD.

By 
 Bruce M. Gagala Reg. No. 28, 844

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FORM PTO-1083

PATENT

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 Commissioner for Patents
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Sir:

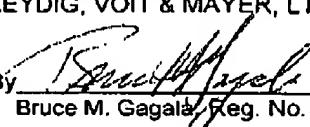
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subtract time extension fee previously paid			none			(\$ 0.00)	(\$ 0.00)
CLAIM FEE	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	ADD'L CLAIM FEE	RATE
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							\$0.00

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Respectfully submitted,
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUL 03 2007

Patent Application No. 09/914,708

Applicant: Boyd

Filed: December 20, 2001

TC/AU: 1617

Examiner: Wang, S.

Docket No.: 213045 (DHHS Reference No. E-244-1997/3-US-06)

Customer No.: 45733

Mailbox Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REPLY TO OFFICE ACTION

Sir:

In reply to the Office Action dated April 3, 2007, please enter the following amendments and consider the following remarks.

Amendments to the Title are on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 10 of this paper.

TRANSMISSION CERTIFICATE UNDER 37 CFR 1.8 OR 1.10			
I hereby certify that this document and all accompanying documents are, on the date indicated below, being transmitted via <input checked="" type="checkbox"/> facsimile to the U.S. Patent and Trademark Office at fax number: (571) 273-8300.			
Name (Print/Type)	Mirella Gallegos		
Signature	Mirella Gallegos	Date	July 3, 2007

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NO. 7422 P. 5

Application No. 09/914,708

Reply to Office Action

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AMENDMENTS TO THE TITLE

JUL 03 2007

Replace the title with:

METHOD OF TREATING OSTEOPOROSIS COMPRISING VACUOLAR-TYPE
(H⁺)-ATPASE-INHIBITING COMPOUNDS, COMPOSITIONS, AND USES THEREOF